STIC Biotechnology Systems Branch

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Source: _1Fwp_
Date Processed by STIC: _7/31/06_

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Revised 01/10/06

RAW SEQUENCE LISTING   DATE: 07/31/2006
PATENT APPLICATION: US/10/586,772   TIME: 14:46:26

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      4       Blair, Ian
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C--> 10 <141> CURRENT FILING DATE: 2006-07-21
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see pp. 2, 6, 8-10

Does Not Comply
Corrected Diskette Needed

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(handwritten annotations: (148/09)..(148/09) see p. 8 *; near line 73)*

*(handwritten annotation: "W" is at that location. *near line 84)*

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427 cactcgtgat gtatcgttgt agttgttttc catccacaga ccctccccac tttgctccct 9960
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/31/2006
PATENT APPLICATION: US/10/586,772   TIME: 14:46:27

Input Set : A:\FBRIC54.003APC_Sequence Listing.txt
Output Set: N:\CRF4\07312006\J586772.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; N Pos. 368
Seq#:24; N Pos. 99,253
Seq#:25; N Pos. 7,13,21,27,72,143,156
Seq#:26; N Pos. 115,302,402,403,411,441,455,462,465,466,467,471,475,477,479
Seq#:26; N Pos. 480,481
Seq#:27; N Pos. 253,280,317
Seq#:29; N Pos. 3,32,253,322
Seq#:30; N Pos. 168

VERIFICATION SUMMARY   DATE: 07/31/2006
PATENT APPLICATION: US/10/586,772   TIME: 14:46:27

Input Set : **A:\FBRIC54.003APC_Sequence Listing.txt**
Output Set: **N:\CRF4\07312006\J586772.raw**

```
L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:11507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:360
L:11548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:60
M:341 Repeated in SeqNo=24
L:11602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
M:341 Repeated in SeqNo=25
L:11683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:60
M:341 Repeated in SeqNo=26
L:11733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:240
M:341 Repeated in SeqNo=27
L:11794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
M:341 Repeated in SeqNo=29
L:11826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:120
```

from Sequence 1

```
tcttgatccc tgtctttcca agaagcctct agaggaaaag ccttcccagc catacagtgc 148080

ccgggaaagc ctgtctgaag tgcagtctgt gagctccttc cagtccgact cgtgcgatga 148140
```

"y" is at location 148109

"c" is at location 148129

from Sequence I

aaactgttct ta(w)tgaatag gtgtttgaac ttgtcagtaa tagagaagaa catattcatt 148380

location 148333

```
<210>  6
<211>  16781
<212>  DNA
<213>  artificial sequence

<220>
<223>  FAT fragment

<400>  6
```

(see item 11 on Euro Summary Sheet)

give source of genetic material